OWNER'S MANUAL

Palsonic

51CM CORDLESS REMOTE COLOUR TELEVISION
MODEL: 5145PF

Type Tested
Electrical
Safety
AS/NZS 3250 Lic 4164
Standards Australia
APP No: N15959

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AUSTRALIA: 1300 657 888**

Congratulations on your purchase of this Palsonic colour television receiver.

We recommend that you thoroughly read this manual before use to fully enjoy the many functions and excellent effects of this receiver.

Retain this manual in an easily accessible location for future reference.

Screen displays and illustrations in this manual may differ from the actual ones for better visibility.

# Contents

Features

- USOC and Intellectualized I^{2}C-bus control

- Five picture modes

- Program exchange/Program copy

- Game/Calendar

- Child lock function

- 200 channels

- Music TV function

- Noise reduction

- Image enhancing

- Channel scanning

- Programs classified

- Screen protecting function

Important Safety Cautions

When any unusual situation occurs, turn off the power supply at once and remove the plug from the wall outlet. Contact a qualified service department in your local area.
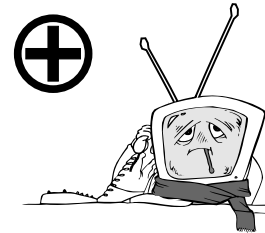
Do not expose the TV set to rain or excessive moisture. Avoid using the set in very warm or damp places and never use it in a bathroom.

When cleaning dust off the picture tube disconnect the power first. You can wipe lightly with a piece of dry, clean and soft cloth.
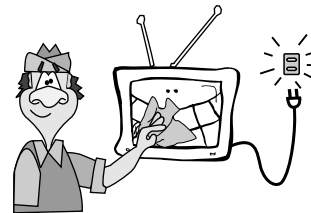
Avoid exposing the set to direct sunlight and other sources of heat to prevent damage to the cabinet and components.
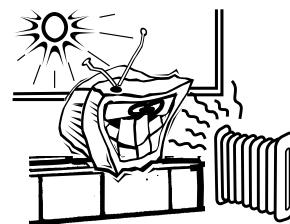
High voltage exists in this TV set. Do not remove the cover.

This TV set can operate on a power of ~240V, 50Hz. You must not use a power supply of any other type.

Do not cover the ventilating hole in the cabinet Keep a space of more than 10cm from the walls to the TV set to ensure adequate ventilation.
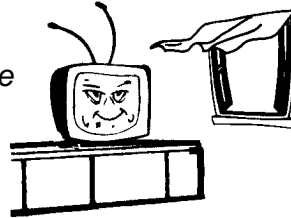
If the power cord or the plug is damaged contact a qualified service department for service.
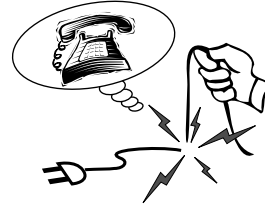
When the TV set is to be left unattended for a long period of time, turn off the power supply and remove the plug from the wall outlet.

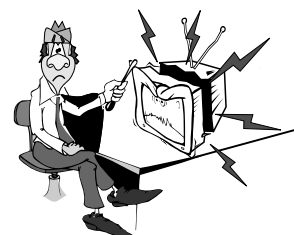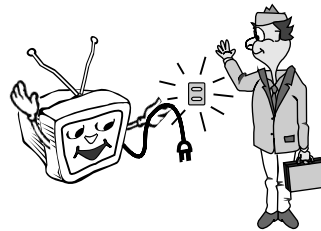*Don't try to push anything into the cabinet or place any vessel with water on the TV set.*
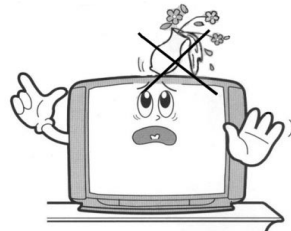
Don't overload wall outlets; extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
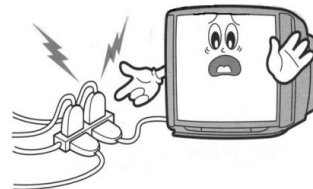
Auto degaussing:
When you remove the TV set to another place or when other electronic machines near the set are working, the colour TV set will be magnetised. The colour of the TV will be abnormal and the colour points appear on the screen. To avoid the bad effect, an auto degaussing circuit is designed. When the TV set is magnetised you should cut off the power to the set for at least 30 minutes to assure the auto degaussing circuit woks well.

Identification of Controls
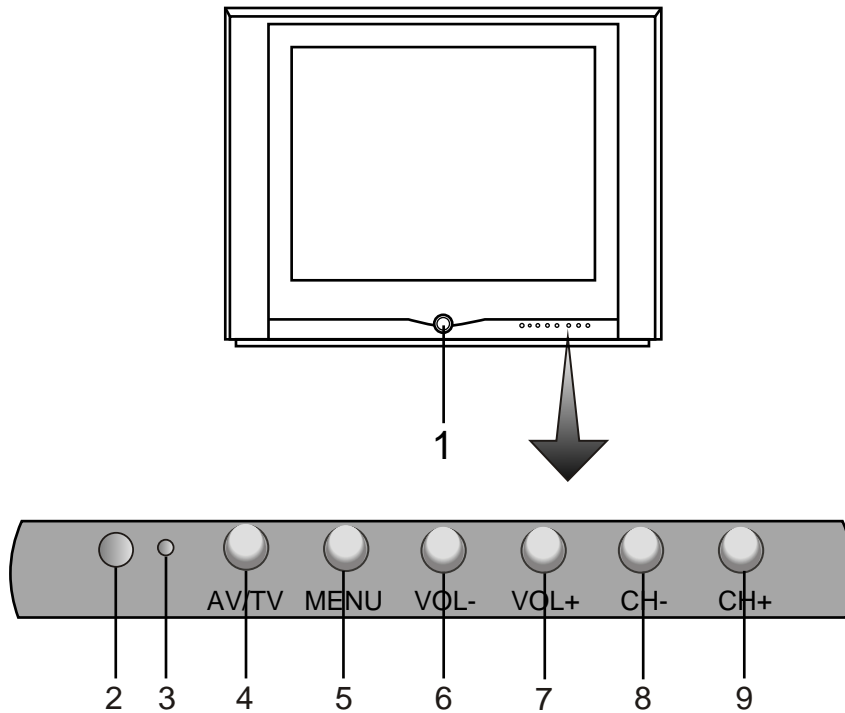
1. Power Switch.
2. Remote Sensor.
3. Indicator.
4. AV/TV button: Video input select.
5. MENU button: To enter into menu operation.
6. VOL- button: volume down adjust; menu item adjust.
7. VOL+ button: volume up adjust; menu item adjust.
8. CH- button: channel down select; menu item select.
9. CH+ button: channel select; menu item select.

Back view
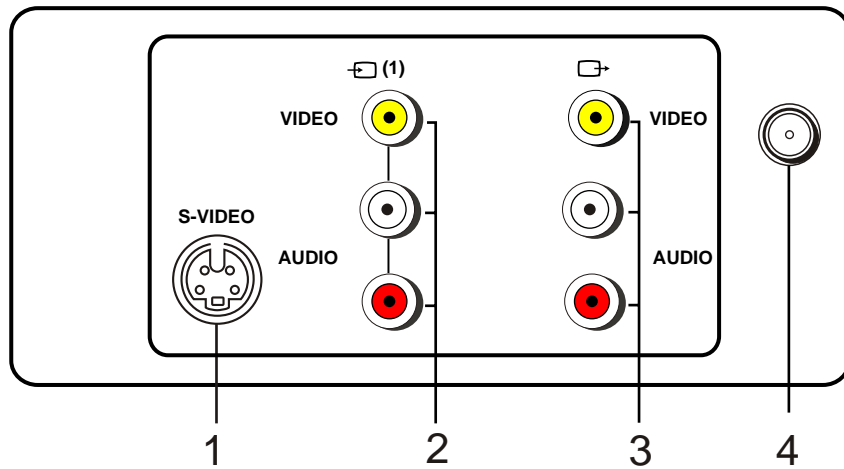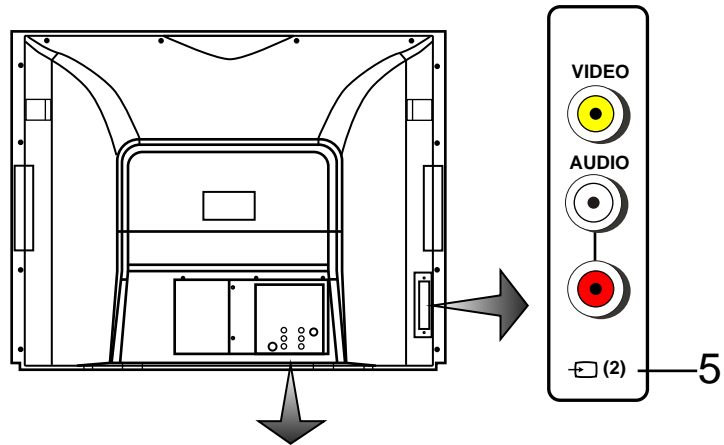
1. **S-VIDEO input**
2. **AV1 input (VIDEO, AUDIO)**
3. **AV output (VIDEO, AUDIO)**
4. **Antenna input**
5. **AV2 input (VIDEO, AUDIO)**

Identification of Controls (continued)

Remote control

Power on/standby

Sound Mute

Direct Channel select

1 2 3
4 5 6 PRESET
7 8 9 SLEEP

To display PRESET menu

Sleep timer

AV 0 -/--

TV/VIDEO Input select

Previous channel

Channel up/menu item select

CH+

To access MENU operation

To display the PICTURE menu

PIC

DSP

On-screen display call

VOL−

MENU

VOL+

Volume up/menu item adjust

Volume down/menu item adjust

Scanning program

SCAN CH− PP

Picture mode select

Channel down/menu item select

Select program type group

TYPE SELECT C-SYS S-SYS

Sound system select

Select the program in a group

MUSIC GAME

Colour system select

To enter into music TV mode

Playing game

Battery Installation

Please install the batteries before using the remote control.

1 *Open the battery cover.*
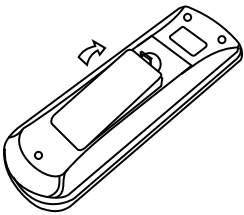
2 *Install two "AA" batteries matching the +/- polarities of the battery to the +/- marks inside the battery compartment.*
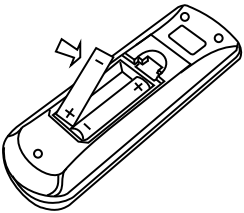
3 *Replace the battery cover.*

Effective range of the remote control

30˚ 30˚

5m
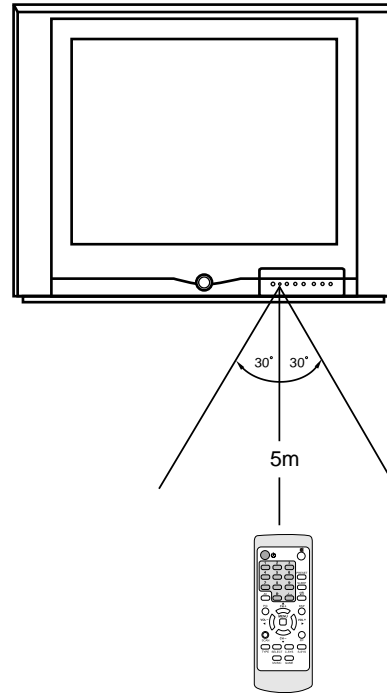
ⓘ Notes:

1. When the remote control will not be used for a long period of time or when the batteries are worn out, remove the batteries.
2. Do not drop or dampen the remote control.
3. Do not disassemble the remote control.

ⓘ Notes:

1. There should be no obstacle between the TV and the transmitter.
2. Use the remote control within the effective range as the above figure.
3. If the remote control does not work, please check whether the batteries are exhausted or the polarity is wrong.
4. When direct sunlight, and incandescent lamp, fluorescent lamp or any other strong light shines on the remote sensor of the TV, the remote operation may be unstable.

Installation

Connecting antenna

Optimum reception of colour requires a good signal and will generally mean that an outdoor antenna must be used. The exact type and position of the antenna will depend upon your particular area.
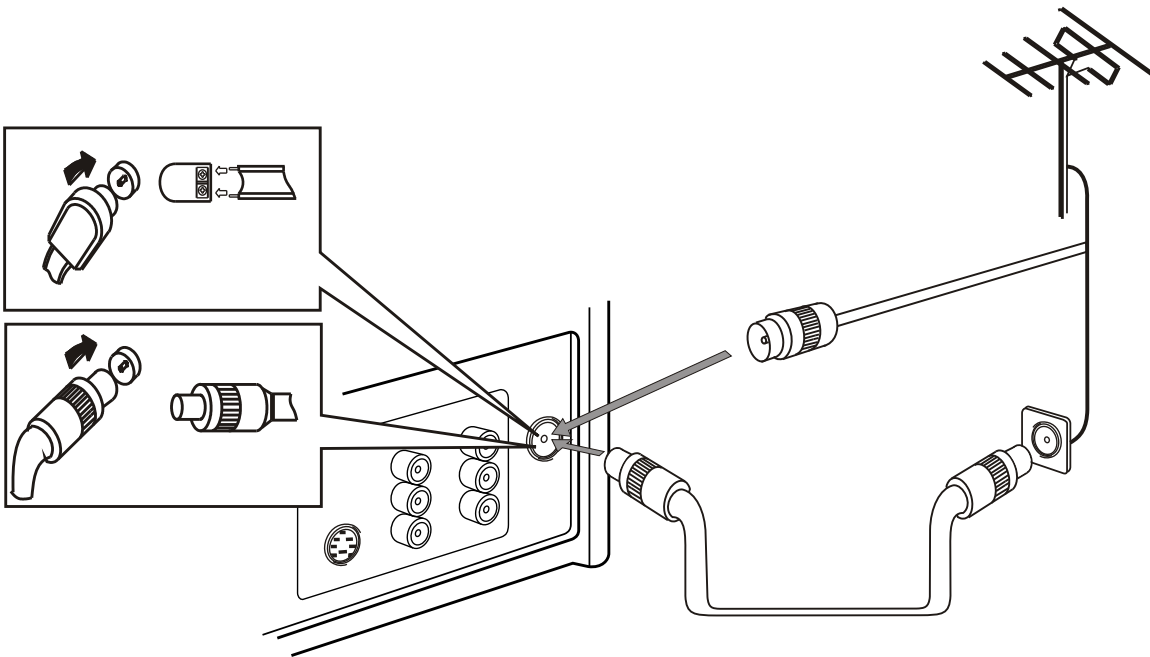
ⓘ Notes:

Turn off the power first, when you connect an outdoor antenna to the antenna input terminal. When installing an outside antenna system, extreme care should be taken to keep from touching power lines or circuits as contact with them might be fatal. In thunder and lighting weather, please disconnect the outdoor antenna to avoid thunder/lightning strike.

Connecting video and audio equipment

This TV set provides 2 groups of AV input terminals (including 1 group of S-Video input terminals) for your convenient connection to VCR, DVD or other video equipment to enjoy the high quality picture.

Please refer to the owner's manual of the equipment to be connected as well.

Connecting the rear AV input terminals.

Video equipment without S-video terminal

To audio outputs

To video output

Ⓨ Yellow (video)
Ⓦ white (audio L)
Ⓡ red (audio R)

VIDEO

S-VIDEO

AUDIO

VIDEO

AUDIO

Video equipment with S-video terminal

To S-VIDEO output

To audio outputs

Ⓡ Ⓦ
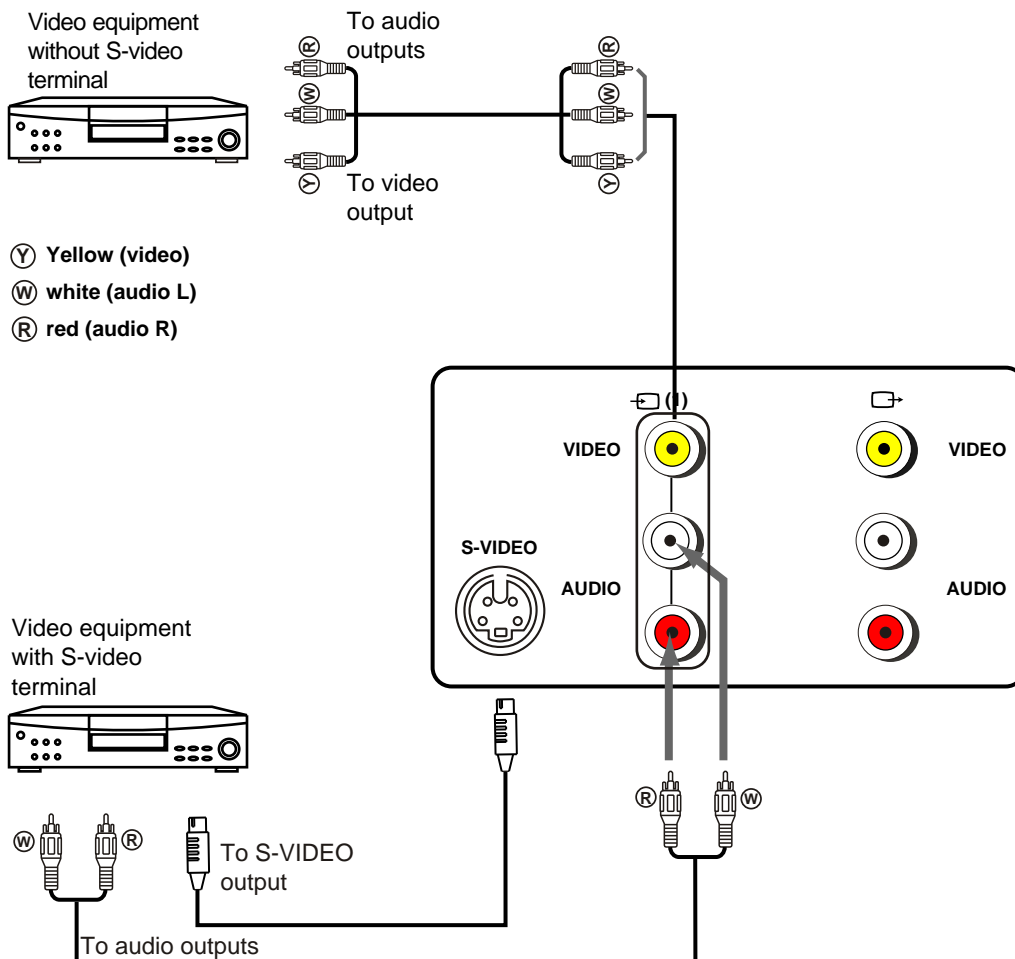
⚠ Notes:

The S-VIDEO input terminal has priority over AV1 VIDEO terminal. If you want to use equipment connect to AV1 VIDEO terminal, please disconnect any plug from S-VIDEO terminal.

Connecting the side AV input terminals

VIDEO

AUDIO

⊡ (2)

VIDEO EQUIPMENT

To video output

Ⓨ Ⓡ Ⓦ

To audio outputs

Signal
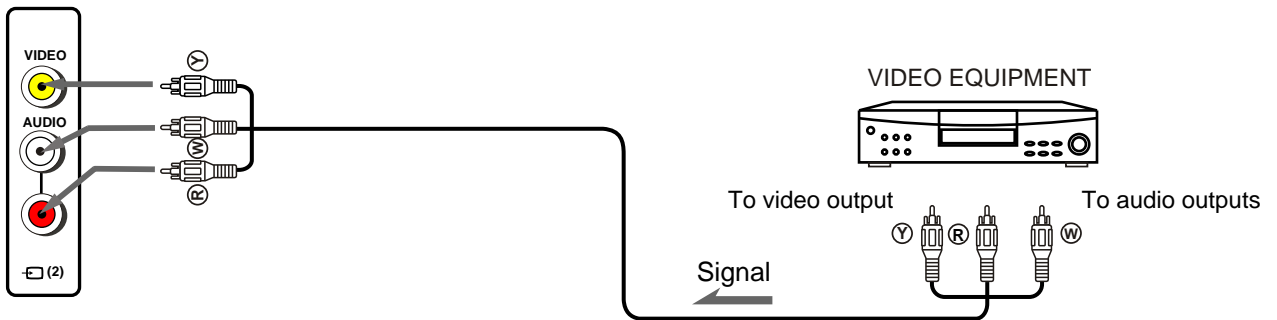
Connecting the AV output terminals

⊡ (1)

VIDEO

S-VIDEO

AUDIO

⊡+

VIDEO

AUDIO

Ⓨ

Ⓦ

Ⓡ

Ⓦ

Ⓦ

Ⓡ

Ⓦ

Ⓡ

Audio Amplifier
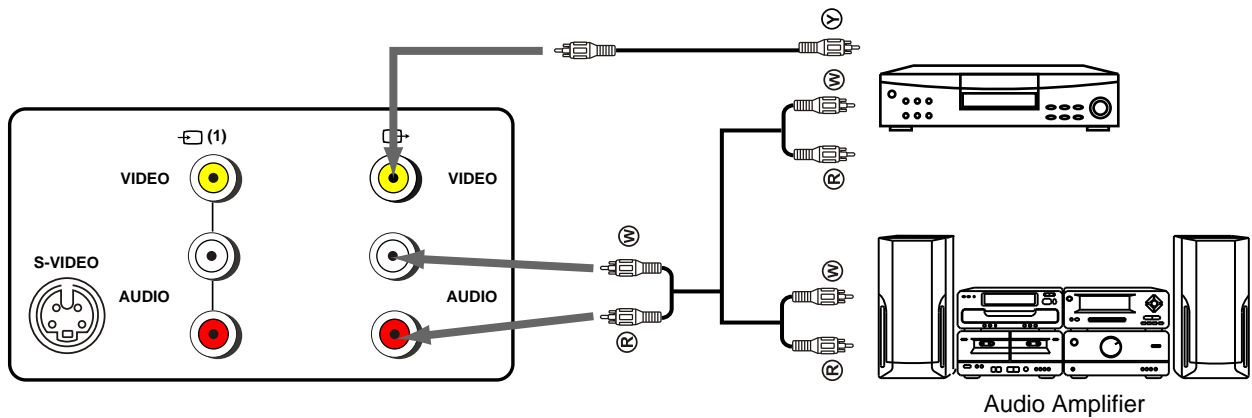
Menu Introduction

Press the **MENU** button repeatedly to select the screen display as below. In menu operation, press **CH+/-** to select item, press **VOL+/-** to adjust selected item.

The PICTURE menu

BRIGHTNESS	50
CONTRAST	50
COLOR	50
SHARPNESS	50
TINT	50

▲▼SEL   ◄►ADJ

The SYSTEM1 menu

COLOR SYS	AUTO
SOUND SYS	BG
BACKGROUND	ON

▲▼SEL   ◄►ADJ

The SYSTEM2 menu

ZOOM	ON
IMAGE ENHANCE	ON
NR	ON
CALENDAR	
GAME	

▲▼SEL   ◄►ADJ

The PRESET menu
(TV mode only)

PROGRAM	008
TYPE	USER2
BAND	V-H
SKIP	OFF
FINE TUNE	
MANUAL SEARCH	
AUTO SEARCH	

▲▼SEL   ◄►ADJ

The SWAP menu
(TV mode only)

PROGRAM	007
EXCHANGE	--:--
COPY	--:--

▲▼SEL   ◄►ADJ

The CLOCK menu

TIME	--:--
OFF-TIME	--:--
ON-TIME	--:--
CH-TIME	--:--
PROGRAM	---
MSG-TIME	--:--
MESSAGE	

▲▼SEL   ◄►ADJ

Turning On/Turning Off

Turning On

1 Press the **MAIN POWER SWITCH** to turn on the TV set.

2 If no picture appears, then the TV set is in **STANDBY** mode. Press ⏻ , **CH+/-** or **0-9**
buttons (one digit only) on the remote control, then the TV set is turned on.
When the remote control is not at your hand, you can also press the **CH+/-** buttons on
the TV set to turn on the TV.

ⓘ **Note:**
If there is no input signal to the TV when the TV is on, blue background will appear on
the screen (when the **BACKGROUND** is set to **ON**). After 10 minutes if there are still
no TV signals to the TV, it will access standby mode automatically.

Turning Off

1 Press the **MAIN POWER SWITCH** on the TV set if you want to cut off the power
completely.

2 If you want to turn off the TV set temporarily, press the button ⏻ on the remote
control and the TV is in **STANDBY** mode.

ⓘ **Notes:**

There are three kinds of Auto-Power-off function:

1. When there is no input signal for 10 minutes.

2. Sleep-timer function.

3. Off-timer function.

In the AV mode, this Auto-Power-Off function does not work.

Last-Mode-Memory:

When you turn off the set, the last TV mode, picture/sound setting and preset
channels all are memorised, Therefore, next time you turn on the TV, the TV will
work in the previous setting mode.

If you directly pressed the main power switch on the TV set to turn it off, you can
press the main power switch to turn on the TV set.

If you press the main power switch to turn off the when in standby mode, you
must do as turning on-2 to turn on the TV.

Presetting programs

Firstly, use the Auto search function to preset all active channels in your area automatically. Then arrange the preset channels with the manual search and program edit functions.

Auto Search

Press the **MENU** button to select **PRESET** menu.

Press **CH+/-** to select **AUTO SEARCH**.

Press **VOL+/-** and the TV set starts Auto channel preset. All active channels will be preset and stored into the memory automatically. After presetting, the TV will display the first channel.

During the process of Auto channel preset, pressing the **MENU** button will stop the process.

Note: Before you start Auto Search, we recommend you to set a proper Sound system and Colour system according to your local area.

PROGRAM	008
TYPE	USER2
BAND	V-H
SKIP	OFF
FINE TUNE	
MANUAL SEARCH	
AUTO SEARCH	
▲▼SEL	◀▶ ADJ
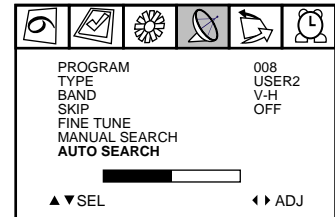
Manual Search

If desired channel can not be preset by Auto search or if you would like to preset channels to specific position numbers one by one, use manual search function.

Access the **PRESET** menu, then select **PROGRAM** item by **CH+/-** and set the desired channel number (from 0~199) by **VOL+/-** or **Digit** buttons.

PROGRAM	008
TYPE	USER2
BAND	V-H
SKIP	OFF
FINE TUNE	
MANUAL SEARCH	
AUTO SEARCH	
▲▼SEL	◀▶ ADJ

Press **CH+/-** to select **MANUAL SEARCH** item. Press **VOL+** button, the set searches towards higher frequency. Press **VOL-** button, the set searches towards lower frequency. The search stops when a program is found and this program will be stored in the specified position number.
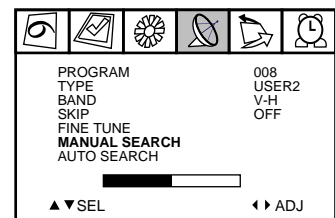
You can use band selection to quicken search process. Select **BAND** item and press **VOL+/-** buttons. The band switches among V-L, V-H and UHF. Then select **MANUAL SEARCH** item and press **VOL+/-** buttons to start manual search.

PROGRAM	008
TYPE	USER2
BAND	**V-H**
SKIP	OFF
FINE TUNE	
MANUAL SEARCH	
AUTO SEARCH	
▲▼SEL	◀▶ ADJ

Repeat the above steps if you want to store another program in other position number.

Presetting programs (continued)

Fine Tuning

When picture and sound's effect of a channel is poor (for example: one or two CATV channel's picture and sound are not standard), you can correct them by making use of Fine tuning.

Access the **PRESET** menu, then select **PROGRAM** item by **CH+/-** and set the desired channel number (from 0~199) by **VOL+/-** or **Digit** buttons.

In the menu, select **FINE TUNE** item, then press and hold **VOL+/-** buttons until the best picture and sound are obtained.

```
┌──────────────────────────────────────┐
│ ⌑  ▨  ❋  ◁  ▷  ⏱                      │
├──────────────────────────────────────┤
│ PROGRAM              008              │
│ TYPE                 USER2            │
│ BAND                 V-H              │
│ SKIP                 OFF              │
│ FINE TUNE                             │
│ MANUAL SEARCH                         │
│ AUTO SEARCH                           │
│                                       │
│      ███████████▢▢▢▢▢                 │
│ ▲▼SEL                    ◀▶ ADJ       │
└──────────────────────────────────────┘
```
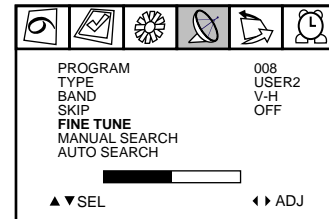
Editing programs

Channel skipping

After presetting the channels, you can skip unnecessary position numbers so that only the channels you want are selected.
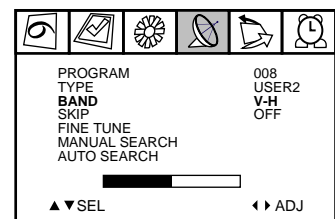
Access the **PRESET** menu, then select **PROGRAM** item by **CH+/-** and set the desired channel number (from 0~199) by **VOL+/-** or **Digit** buttons.

PROGRAM					008
TYPE					USER2
BAND					V-H
SKIP					OFF
FINE TUNE					
MANUAL SEARCH					
AUTO SEARCH					

▲▼SEL   ◀▶ ADJ

In the menu, please select **SKIP** item and press **VOL+/-** buttons to select **ON**.

Now the selected channel will be skipped when you browse channels by **CH+/-** buttons.

If the SKIP is set to ON, when you select the channel by Digit buttons, the program number displayed on the screen is purple and a " * " symbol can be seen.

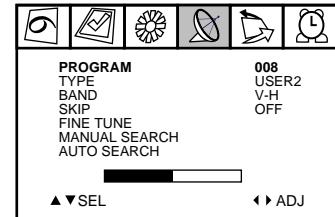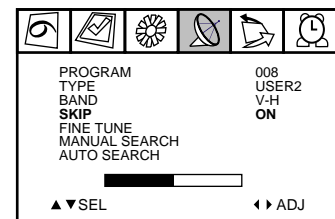|					
PROGRAM					008
TYPE					USER2
BAND					V-H
SKIP					**ON**
FINE TUNE					
MANUAL SEARCH					
AUTO SEARCH					

▲▼SEL   ◀▶ ADJ

To restore a skipped channel, please select the skipped channel number by digit buttons. Then enter into the **PRESET** menu to select **SKIP** item and set it to **OFF**.

Classifying programs

You can classify the programs as six types: USER1, USER2, NEWS, SPORTS, MOVIE, TELEPLAY. The function can help you select program more rapidly.

Access the **PRESET** menu, then select the program number. Press **CH+/-** buttons to select **TYPE** item. Press **VOL+/-** buttons to select the program type.

PROGRAM					008
TYPE					**USER2**
BAND					V-H
SKIP					ON
FINE TUNE					
MANUAL SEARCH					
AUTO SEARCH					

▲▼SEL   ◀▶ ADJ
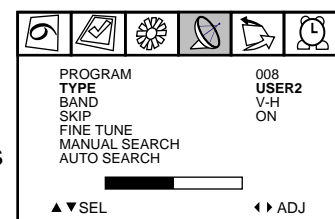
The program types are defined by yourself. The USER1 and USER2 types can be used to store the programs that the user often watches or is interested in.

Editing programs (continued)

Channel exchange/copy

After channel presetting, you can edit the programs by using the channel exchange and channel copy functions.

Press **MENU** button repeatedly to access the **SWAP** menu.

Select **PROGRAM** item and select a channel number **A** by Digit buttons.

PROGRAM		**007**
EXCHANGE		--:--
COPY		--:--
▲▼SEL		◀▶ ADJ

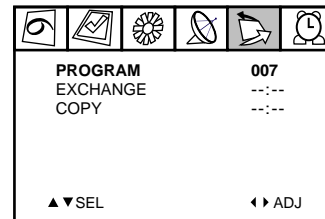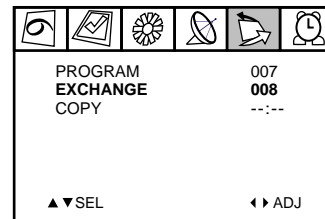Select **EXCHANGE** item and press **Digit** buttons to set another channel number **B** that you would like to exchange with the program number which is displayed in the **PROGRAM** item. Then press **VOL+/-** buttons to confirm.

Now the programs of the two channels are exchanged.

PROGRAM		007
EXCHANGE		**008**
COPY		--:--
▲▼SEL		◀▶ ADJ

Select **COPY** item and press **Digit** buttons to select a channel number **C**. Then press **VOL+/-** buttons to confirm.

Now the program in channel **A** will be copied to channel **C**.

PROGRAM		007
EXCHANGE		--:--
COPY		**008**
▲▼SEL		◀▶ ADJ
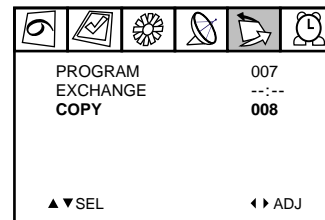
Setting colour/sound system

If the picture's colour or sound is abnormal, you can adjust colour or sound system as follows.

Press **C-SYS** button repeatedly and the colour system will be switched between **AUTO**, **PAL**, **N3.58** and **N4.43**. You can select a proper colour system.

Press **S-SYS** button can select sound system. In this model, the sound system is B/G and there is no need to adjust it.

When you press **C-SYS** or **S-SYS** button, the screen displays as shown on the right.

9
AUTO
B/G
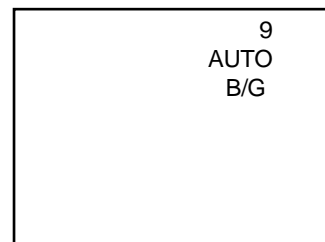
You can also access the **SYSTEM1** menu which is shown on the right and adjust the **COLOR SYS** item and the **SOUND SYS** item to set the colour system and the sound system.

COLOR SYS	AUTO
SOUND SYS	**B/G**
BACKGROUND	ON
▲▼SEL	◀▶ ADJ
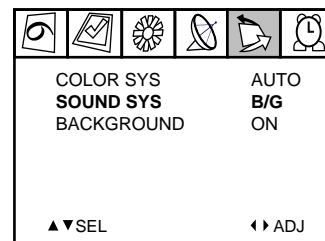
Selecting Channel/input signal

Selecting channel

1 Use **Digit** buttons

To select one-digit channel

Press --/-- button to display "-". | - | Press 0-9 direct channel selector. | 8
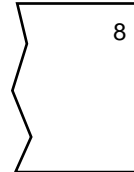
To select two-digit channel

Press --/-- button repeatedly to display "--". | -- | Press 1-9 buttons. | 1- | Press 0-9 buttons. | 18
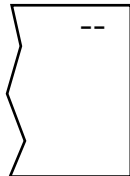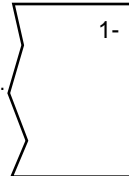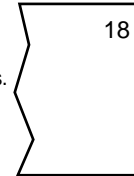
To select three-digit channel

Press --/-- button repeatedly to display "1--" | 1- - | Press 0-9 buttons. | 1- - | Press 0-9 buttons. | 168
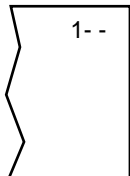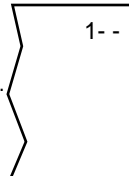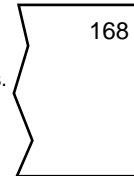
Note: The maximum channel number is 199, the set does not act if the channel number you input is out of the range of 0~199.

2 Use **CH+/-** buttons

Press **CH+** button, the channel number increases;

Press **CH-** button, the channel number decreases.

3 Use previous channel ⇆ button

Press ⇆ button to switch between the current channel and previous channel.

4 Use **TYPE** and **SELECT** buttons

Press **TYPE** button to select the program type group that you want to watch.

Press **SELECT** button repeatedly, and the program is switched among the type group.

Selecting the external Input Signal

1 Press **AV** button repeatedly, the screen displays input signal source **AV1 (S-VIDEO)** or **AV2**. Select the input signal source you need.

2 To return to TV mode, you can press **AV** button or **0-9** buttons.

Adjusting the picture/sound

Adjusting the picture

1 Using the **PP** button:
   You can press **PP** button to select the desired picture mode: **MILD**, **STANDARD**, **NATURE**, **CUSTOM**, **COLORFUL**.
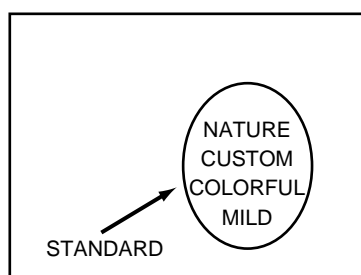
Mode	Picture quality
MILD	Soft and moody picture
STANDARD	Standard picture
NATURE	Normal picture
COLOURFUL	Bright and dynamic picture
CUSTOM	The picture quality you set

2 Using the **PICTURE** menu:
   Press **MENU** button or **PIC** button to access the **PICTURE** menu.
   Press **PIC** button repeatedly or press **CH+/-** buttons to select item upwards or downwards.
   Press **VOL+/-** buttons to adjust selected item.

Item	VOL-	VOL+
CONTRAST	weaker	stronger
BRIGHT	darker	lighter
COLOR	paler	deeper
SHARPNESS	softer	sharper
TINT	purplish	greenish

Notes:
   1 .The item **TINT** is for **NTSC** only.
   2. The above parameters maybe different in different models.

Adjusting the sound

1 Use **VOL+/-** buttons
   Press **VOL+** button to increase the volume.
   Press **VOL-** button to decrease the volume.

2 Use 🔇 button
   Press 🔇 button to mute the sound completely and the screen displays 🔇 .
   Press 🔇 button again to restore and the **VOLUME** bar appears.

Clock Setting

Press **MENU** button repeatedly to access
the **CLOCK** menu.

Current time setting

Select **TIME** item.

Press **VOL-** button to set the hour (0~23).
Press **VOL+** button to set the minute (0~59).

Note: The **ON-TIME** and **OFF-TIME** can be set
only after you finish setting the **TIME** item.

TIME	**14:03**
OFF-TIME	--:--
ON-TIME	--:--
CH-TIME	--:--
PROGRAM	---
MSG-TIME	--:--
MESSAGE	
▲▼ SEL	◀▶ ADJ

Off timer setting

Select **OFF-TIME** item.

Set the OFF time. Press **VOL-** to set the hour (0~23).
Press **VOL+** to set the minute (0~59).

The TV set in working mode goes to STANDBY mode
automatically when the OFF time elapses.

TIME	14:03
OFF-TIME	**14:07**
ON-TIME	15:30
CH-TIME	--:--
PROGRAM	---
MSG-TIME	--:--
MESSAGE	
▲▼ SEL	◀▶ ADJ

On timer setting

Select **ON-TIME** item.

Set the ON time. Press **VOL-** to set the hour (0~23).
Press **VOL+** to set the minute (0~59)

In STANDBY mode, the TV set auto turns on when
your preset ON time elapses.

TIME	14:03
OFF-TIME	14:07
ON-TIME	**15:30**
CH-TIME	--:--
PROGRAM	---
MSG-TIME	--:--
MESSAGE	
▲▼ SEL	◀▶ ADJ

Notes: Once the function of ON-TIME or OFF-TIME fulfil, you need to set the
ON-TIME or **OFF-TIME** again if you want to use this function next time

Clock Setting

Setting channel timer

Select **CH-TIME** item.
Set the CH-TIME. Press **VOL-** to set hour (0~23) Press **VOL+** to set minute (0~59).

```
TIME              14:02
OFF-TIME          14:07
ON-TIME           15:30
CH-TIME           16:21
PROGRAM           --:--
MSG-TIME          --:--
MESSAGE
▲▼SEL           ◀▶ADJ
```

Select **PROGRAM** item. Set the channel number by **Digit** or **VOL+/-** buttons.

```
TIME              14:02
OFF-TIME          14:07
ON-TIME           15:30
CH-TIME           16:21
PROGRAM           008
MSG-TIME          --:--
MESSAGE
▲▼SEL           ◀▶ADJ
```

The TV set will switch to the preset channel when the **CH-TIME** elapses.

MESSAGE

Select **MESSAGE** item.

```
TIME              14:02
OFF-TIME          14:07
ON-TIME           15:30
CH-TIME           16:21
PROGRAM           008
MSG-TIME          --:--
MESSAGE
▲▼SEL           ◀▶ADJ
```

Press **VOL+/-** to access the MESSAGE interface. Press **MENU** button to enter words and symbols. You can enter four lines at most and each line is composed by 15 letters or symbols.

Press 🔇 button to save the message and press **DSP** button to exit the interface.

```
MESSAGE
ABC


        ABCDEFGHIJ   ▲
        KLMNOPQRST   ▼
        UVWZYX1234   ▶
        56790.-_del  ◀
        MENU:ENTER
        MUTE:SAVE
        DISP:QUIT
```

If you want to set MESSAGE TIME, press **CH+/-** to select **MSG-TIME** item. Press **VOL+/-** to set MESSAGE TIME.

Now the screen will display the message when you turn on the unit (STANDBY to ON) or when the MESSAGE TIME elapses. Press any buttons to exit the message. If you turn off the unit by the main power switch on the unit, the message will be eliminated.

```
TIME              14:02
OFF-TIME          14:07
ON-TIME           15:30
CH-TIME           16:21
PROGRAM           -----
MSG-TIME          00:22
MESSAGE
▲▼SEL           ◀▶ADJ
```
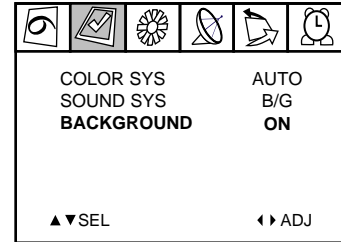
System Setting

Background Setting

With the background function **ON**, when no signal is being received, a preset background and customer's logo will appear.

Access the **SYSTEM1** menu. Press **CH+/-** buttons to select **BACKGROUND** item.

Press **VOL+/-** buttons to select **ON** or **OFF**.

```
COLOR SYS        AUTO
SOUND SYS        B/G
BACKGROUND       ON

▲▼SEL            ◄►ADJ
```
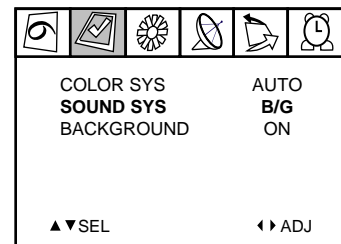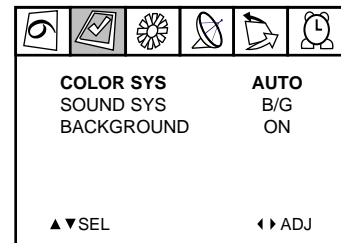
Colour/sound system setting

Press **C-SYS** or **S-SYS** button on the remote control repeatedly to set colour system or sound system.

You can also access the **SYSTEM1** menu. Press **CH+/-** to select **COLOR SYS** item or **SOUND SYS** item.

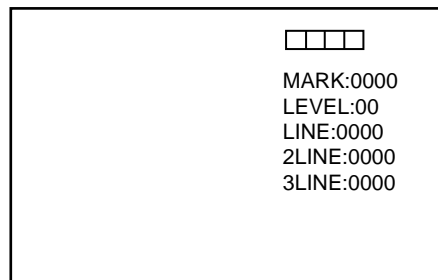Press **VOL+/-** buttons to select colour system or sound system.

```
COLOR SYS        AUTO
SOUND SYS        B/G
BACKGROUND       ON

▲▼SEL            ◄►ADJ
```

```
COLOR SYS        AUTO
SOUND SYS        B/G
BACKGROUND       ON

▲▼SEL            ◄►ADJ
```

Other functions introduction

Game introduction

There is a built-in game (Falling cube) for you to play.

Press **GAME** button to access game interface.

```
                    ▢▢▢▢

                    MARK:0000
                    LEVEL:00
                    LINE:0000
                    2LINE:0000
                    3LINE:0000
```
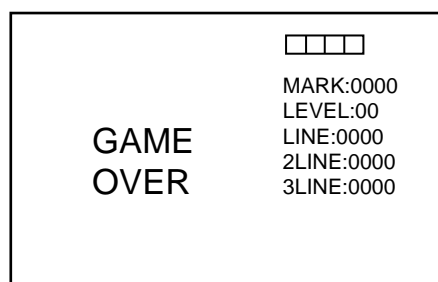
On the screen, there are falling cubes. Pressing **CH+** button can rotate the falling cube. Pressing **VOL+/-** buttons can move the falling cube left or right while pressing **CH-** button can hasten the falling speed of the cube.

When one row has been filled with the cubes, the row will disappear, and your mark will gain one point. If two rows disappear at the same time, your mark will gain three points. If three rows disappear at the same time, your mark will gain seven points.

The right window provides hints about next cube's shape, you can arrange current cube's position and angle in advance.

When the cubes reach to top, the screen will display **GAME OVER**, and the game is finished.

```
                    ▢▢▢▢

                    MARK:0000
                    LEVEL:00
         GAME       LINE:0000
         OVER       2LINE:0000
                    3LINE:0000
```

To exit the game, press **GAME** button. If you want to restart the game when the game is finished, you should exit the game firstly, then access and start the game again.

Other function introduction

Zoom setting

You can watch wide picture (such as 16:9) in V-ZOOM mode.
Access the **SYSTEM2** menu. Press **CH+/-** buttons to select
ZOOM item.
Press **VOL+/-** buttons to select **ON** to active the V-ZOOM
mode. In the normal mode, it should be set to **OFF**.

|		
ZOOM	**ON**	
IMAGE ENHANCE	ON	
NR	ON	
CALENDAR		
GAME		
▲▼SEL	◀▶ ADJ	
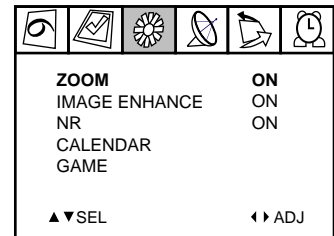
Image Enhance setting

With built-in image enhance circuit you can use the function to
improve the visibility of details near black.
Access the **SYSTEM2** menu. Press **CH+/-** buttons to select
IMAGE ENHANCE item.
Press **VOL+/-** buttons to select **ON**, the image enhance is
available.

ZOOM	ON
IMAGE ENHANCE	**ON**
NR	ON
CALENDAR	
GAME	
▲▼SEL	◀▶ ADJ
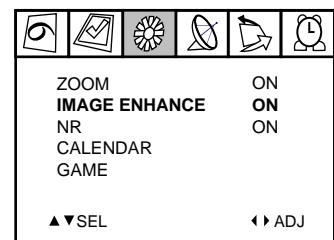
Noise Reduction setting

If the signal being received is weak and the picture is blurry,
active this function to improve the picture quality.
Access the **SYSTEM2** menu. Press **CH+/-** buttons to select
NR item.
Press **VOL+/-** buttons to select **ON**.

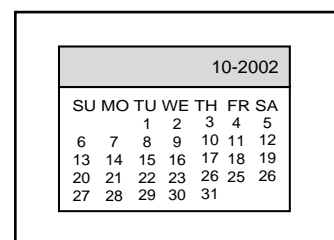|	
ZOOM	ON
IMAGE ENHANCE	ON
NR	**ON**
CALENDAR	
GAME	
▲▼SEL	◀▶ ADJ
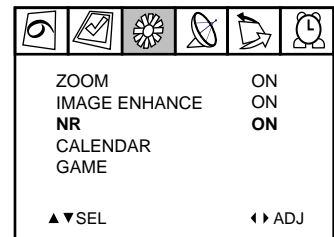
Calendar

Access the **SYSTEM2** menu. Press **CH+/-** buttons to select
CALENDAR item.

Press **VOL+/-** buttons to access calendar interface.

Press **CH+/-** buttons to change the **year**. Press **VOL+/-** buttons
to change the **month**.

The calendar is from 1990 to 2089.

ZOOM	ON
IMAGE ENHANCE	ON
NR	ON
CALENDAR	
GAME	
▲▼SEL	◀▶ ADJ

10-2002

SU	MO	TU	WE	TH	FR	SA
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	26	25	26
27	28	29	30	31		

Other functions introduction

Setting music TV function

If you only want to listen to the music, you can press **MUSIC** button and the screen displays **MUSIC TV**. Five seconds later, the screen is blank while the sound is normal. Press any button on the remote control to exit **MUSIC** mode.
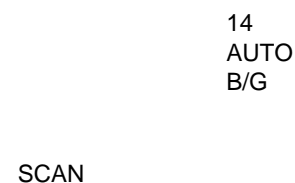
MUSIC TV

Program Scanning

Press **SCAN** button to scan the program from current channel to higher channel one by one. Every program will be scanned. During the process, the channel number is displayed on the screen. Each program will be displayed for about 2 seconds.
Press **SCAN** button to stop the process, and the will display the current channel.

14
AUTO
B/G

SCAN

Sleep timer

Press **SLEEP** button repeatedly to set sleep time from 15 minutes to 120 minutes.
When the sleep time elapses, the TV set goes to STANDBY mode automatically.

⬜ 90

If you want to cancel Sleep timer, press and hold SLEEP button until the screen displays the icon ⬜-- .

⬜ --

Child lock

Press and hold **MUSIC** button until the screen displays a lock icon. Now the TV set is in **Child lock** state. The screen is blue and most of the buttons are useless.
If you want to resume, press and hold **MUSIC** button again until the lock icon disappears.

Troubleshooting Guide

Before calling service personnel, please check the following chart for a possible cause to the trouble you are experiencing.

Symptoms	Check the following items
Power is not turned on.	□ Be sure the power cord is plugged in.
Poor colour, poor tint.	□ Contrast, colour, tint are not correctly adjusted.
Spots appear on the screen.	□ Possible interferences of automobiles, motorcycle, trolley bus, neon lamps, etc.
Stripes appear on the screen.	□ Possible interference of electronic interference from another TV set, a computer, an electronics game machine, a broadcast station, etc.
Double images or "ghosts".	□ This may be caused by reflections from nearby mountains or buildings. □ Check the antenna direction.
Snowy picture.	□ It is possible that the aerial "lead-in" is damaged or comes off. □ Check the antenna direction.
Remote controller does not work.	□ The batteries may be worn out. □ The batteries may be installed with their polarity reversed.
TV cabinet creaks.	□ Even if the picture or the sound is normal, changes in room temperature sometimes makes the TV cabinet expand or contract, making a noise. This does not indicate a malfunction.
Unevenness in colour in some parts of the screen.	□ When the set is switched on, do not shift or move the set around. Sometimes it may develop an unevenness in colour in some parts of the screen. This can be eliminated by switching off the set with the POWER switch and wait for 10 minutes before switching on again.
No picture and most of the buttons are useless.	□ It is possible that the TV set is in child lock mode.
Black screen but the sound is normal.	□ It is possible that the TV set is in music TV mode.
AV playback interference.	□ It is possible that both of the DVD and S-Video terminals are connected.

Specifications

Power Supply: AC 240V, 50Hz

Power Consumption: 70W

Dimensions (mm):   590(W) x 457(H) x 475(D)

Weight (kg):   22

CRT: 51cm

TV system & channel range

System	VHF	UHF	CATV
PAL-B/G	2-12	21-69	X~Z+2,S1~S41

System: PAL, NTSC (AV)

Sound output: 3W

Accessories: Remote controller X 1

⚠ Design and specifications are subject to change without notice.

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